

**ENGINEERING ANALYSIS
FAYETTE FABRICATION LLLP
FAYETTE, ALABAMA
404-0019**

On May 22, 2014, Fayette Fabrication, LLLP submitted a Synthetic Minor Operating Permit (SMOP) application. Final information for the permit was submitted on June 3, 2014. Fayette Fabrication has been in this location since January 2014. Fees were paid on July 24, 2014.

OPERATION:

Fayette Fabrication manufactures and paints various metal items. Fayette Fabrication wishes to obtain a SMOP to exempt them from the MACT and major source permitting. The Miscellaneous Metal MACT (MMMM) would be applicable to them as a major source of HAPs. In addition, the Miscellaneous Surface Coating MACT at Area Sources does not apply because Fayette Fabrication's paint does not contain any of the metal targeted HAPs. There are no controls on the painting.

EMISSIONS: (IN TPY)

POLLUTANT	POTENTIAL (UNCONTROLLED)	ACTUAL *	REQUESTED PERMIT LIMIT
VOCs	51.8	11.63	95.0
NOX	1.2		
CO	0.4		
PM10	1.1		
ALL HAPS	42.4	9	23.5
SINGLE HAP	34.0	3	9.90

*** Based on 2000 hours a year.**

APPLICABLE REGULATIONS:

Fayette Fabrication has requested to limit their facility wide VOC and HAP emissions below the Major Operating Permit thresholds. Their total VOC emissions will be restricted to 95.0 TPY. Their hazardous air pollutant emissions (HAP) will be restricted to 9.90 TPY for any individual HAP and to 23.5 TPY for any combination of HAP emissions. There are no New Source Performance Standards (NSPS) or other state regulations applicable to this facility. An Air Toxics review was conducted and no adverse problems are expected. A fifteen- (15) day public comment period was held from August 6, 2014, to August 21, 2014.

RECOMMENDATIONS:

I recommend that a Synthetic Minor Operating Permit (SMOP) 402-0020-X001 be issued to this facility subject to the attached provisos.

Kevin M. Fulmer
Chemical Branch
Air Division

June 2014
Date

KMF/kmf